

any building or area in which the pyrotechnic compositions or explosive materials are pressed or otherwise prepared for finishing or assembly, or any finishing or assembly building. All pyrotechnic compositions or explosive materials not in immediate use will be stored in covered, non-ferrous containers.

(c) The maximum quantity of flash powder permitted in any fireworks process building is 10 pounds (4.5 kg).

(d) All dry explosive powders and mixtures, partially assembled display fireworks, and finished display fireworks shall be removed from fireworks process buildings at the conclusion of a day's operations and placed in approved magazines.

[T.D. ATF-293, 55 FR 3722, Feb. 5, 1990, as amended by T.D. ATF-400, 63 FR 45004, Aug. 24, 1998]

**§ 55.222 Table of distances between fireworks process buildings and between fireworks process and fireworks nonprocess buildings.**

Net weight of fireworks <sup>1</sup> (pounds)	Display fireworks <sup>2</sup> (feet)	Consumer fireworks <sup>3</sup> (feet)
0-100 .....	57 .....	37
101-200 .....	69 .....	37
201-300 .....	77 .....	37
301-400 .....	85 .....	37
401-500 .....	91 .....	37
Above 500 .....	Not permitted <sup>4 5</sup> .....	Not permitted <sup>4 5</sup>

<sup>1</sup>Net weight is the weight of all pyrotechnic compositions, and explosive materials and fuse only.

<sup>2</sup>The distances in this column apply only with natural or artificial barricades. If such barricades are not used, the distances must be doubled.

<sup>3</sup>While consumer fireworks or articles pyrotechnic in a finished state are not subject to regulation, explosive materials used to manufacture or assemble such fireworks or articles are subject to regulation. Thus, fireworks process buildings where consumer fireworks or articles pyrotechnic are being processed shall meet these requirements.

<sup>4</sup>A maximum of 500 pounds of in-process pyrotechnic compositions, either loose or in partially-assembled fireworks, is permitted in any fireworks process building. Finished display fireworks may not be stored in a fireworks process building.

<sup>5</sup>A maximum of 10 pounds of flash powder, either in loose form or in assembled units, is permitted in any fireworks process building. Quantities in excess of 10 pounds must be kept in an approved magazine.

[T.D. ATF-293, 55 FR 3723, Feb. 5, 1990, as amended by T.D. ATF-400, 63 FR 45004, Aug. 24, 1998]

**§ 55.223 Table of distances between fireworks process buildings and other specified areas.**

DISTANCE FROM PASSENGER RAILWAYS, PUBLIC HIGHWAYS, FIREWORKS PLANT BUILDINGS USED TO STORE CONSUMER FIREWORKS AND ARTICLES PYROTECHNIC, MAGAZINES AND FIREWORKS SHIPPING BUILDINGS, AND INHABITED BUILDINGS.<sup>3 4 5</sup>

Net weight of fireworks <sup>1</sup> (pounds)	Display fireworks <sup>1</sup> (feet)	Consumer fireworks <sup>2</sup> (feet)
0-100 .....	200 .....	25
101-200 .....	200 .....	50
201-300 .....	200 .....	50
301-400 .....	200 .....	50
401-500 .....	200 .....	50
Above 500 .....	Not permitted .....	Not permitted.

<sup>1</sup>Net weight is the weight of all pyrotechnic compositions, and explosive materials and fuse only.

<sup>2</sup>While consumer fireworks or articles pyrotechnic in a finished state are not subject to regulation, explosive materials used to manufacture or assemble such fireworks or articles are subject to regulation. Thus, fireworks process buildings where consumer fireworks or articles pyrotechnic are being processed shall meet these requirements.

<sup>3</sup>This table does not apply to the separation distances between fireworks process buildings (see § 55.222) and between magazines (see §§ 55.218 and 55.224).

<sup>4</sup>The distances in this table apply with or without artificial or natural barricades or screen barricades. However, the use of barricades is highly recommended.

<sup>5</sup>No work of any kind, except to place or move items other than explosive materials from storage, shall be conducted in any building designated as a warehouse. A fireworks plant warehouse is not subject to § 55.222 or this section, tables of distances.

[T.D. ATF-293, 55 FR 3723, Feb. 5, 1990, as amended by T.D. ATF-400, 63 FR 45004, Aug. 24, 1998]

**§ 55.224 Table of distances for the storage of display fireworks (except bulk salutes).**

Net weight of firework <sup>1</sup> (pounds)	Distance between magazine and inhabited building, passenger railway, or public highway <sup>3 4</sup> (feet)	Distance between magazines <sup>2 3</sup> (feet)
0-1000 .....	150 .....	100
1001-5000 .....	230 .....	150
5001-10000 .....	300 .....	200
Above 10000 .....	Use table § 55.218	.....

<sup>1</sup>Net weight is the weight of all pyrotechnic compositions, and explosive materials and fuse only.

<sup>2</sup>For the purposes of applying this table, the term "magazine" also includes fireworks shipping buildings for display fireworks.

<sup>3</sup>For fireworks storage magazines in use prior to (30 days from the date of publication of the final rule in the Federal Register), the distances in this table may be halved if properly barricaded between the magazine and potential receptor sites.